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MEMORANDUM FOR Jason M. Fields
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Subject: Sample Loss Rates For SIPP 1985 Through SIPP 2008 Panels.

This memorandum provides a collection of reports of household sample loss rates by wave for SIPP 1985 through SIPP 2008 Panel. The wave-level sample loss rates are calculated by summing the sample loss observed in rotation groups within a wave.

Since SIPP follows all original sample members, those members that form new households are also included in the SIPP sample. This expansion of original households can be estimated within the interviewed sample, but is impossible to determine within the non-interviewed sample. Therefore, a growth factor based on the growth in the known sample is used to estimate the unknown expansion of the non-interviewed households.

Growth factors are used to get a more accurate estimate of the weighted number of non-interviewed housing units (HUs) at each wave, called sample loss. To calculate sample loss, we use the following formula

$$Sample\ Loss = \frac{(A_1 \times GF) + A_C + D_C}{I_C + (A_1 \times GF) + A_C + D_C}$$

where GF is the growth factor associated with the current wave, I_C is the weighted number of interviewed households in the current wave, A_1 is the weighted number of Type A non-interviewed households in Wave 1, A_C is the weighted number of Type A non-interviewed households in the current wave, and D_C is the weighted number of Type D non-interviewed households in the current wave.

If you have any questions concerning this memo, please contact Mahdi S. Sundukchi at 301-763-4228 or by email: Mahdi.s.sundukchi@census.gov.

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**SIPP 2008 Panel:
Eligible and Interviewed Households**

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	52,031	42,032	9,999	19.4%	-*	-	-	19.4%
2	42,481	39,000	2,921	6.9%	560	1.3%	1.01	25.9%
3	42,779	37,651	4,159	9.7%	969	2.3%	1.02	29.0%
4	43,176	36,195	5,693	13.2%	1,288	2.9%	1.03	32.4%
5	43,422	35,873	6,060	14.0%	1,489	3.3%	1.04	33.3%
6	43,544	34,891	6,894	15.9%	1,759	4.0%	1.04	35.5%
7	43,619	33,827	7,901	18.2%	1,891	4.2%	1.05	37.5%
8	43,609	33,417	8,231	19.0%	1,961	4.3%	1.05	38.2%
9	43,621	32,567	8,880	20.4%	2,174	4.7%	1.04	39.7%
10	43,690	31,445	9,877	22.7%	2,368	5.1%	1.05	41.9%
11	43,720	31,007	10,256	23.5%	2,457	5.3%	1.05	42.7%
12	43,678	30,716	10,381	24.0%	2,581	5.6%	1.05	43.4%
13	43,654	30,213	10,901	25.2%	2,540	5.6%	1.05	44.4%
14	43,600	29,810	11,272	26.0%	2,518	5.5%	1.05	44.9%
15	43,653	28,885	11,982	27.5%	2,786	5.8%	1.06	46.5%
16	32,566	20,135	10,228	31.4%	2,203	6.1%	1.06	53.0%

**SIPP 2004 Panel:
Eligible and Interviewed Households**

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	51,363	43,711	7,652	14.9%	-	-	-	14.9%
2	44,150	40,587	2,935	6.6%	628	1.4%	1.0227	21.9%
3	44,614	39,117	4,395	9.9%	1,102	2.5%	1.0356	25.5%
4	44,930	38,309	5,208	11.6%	1,413	3.1%	1.0427	27.6%
5	45,350	37,446	6,229	13.7%	1,675	3.7%	1.0490	29.8%
6	45,638	36,931	6,830	15.0%	1,877	4.1%	1.0540	31.2%
7	45,688	36,289	7,342	16.1%	2,057	4.5%	1.0571	32.5%
8	45,684	35,966	7,358	16.1%	2,360	5.2%	1.0599	33.1%
9	21,296	16,587	3,608	16.9%	1,101	5.2%	1.0619	34.0%
10	21,342	16,235	3,919	18.5%	1,188	5.3%	1.0636	35.5%
11	21,347	15,894	4,173	19.7%	1,280	5.7%	1.0653	36.9%
12	21,332	15,952	4,024	18.9%	1,356	6.4%	1.0668	36.6%

**SIPP 2001 Panel:
Eligible and Interviewed Households**

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	40,489	35,102	5,387	13.3%	-	-	-	13.3%
2	30,514	28,086	1,906	6.4%	522	1.7%	1.0130	21.9%
3	30,899	27,453	2,598	8.6%	848	2.7%	1.0290	24.7%
4	31,111	27,179	2,950	9.5%	982	3.2%	1.0370	25.9%
5	31,300	26,775	3,397	10.9%	1,128	3.6%	1.0440	27.5%
6	31,449	26,635	3,640	11.6%	1,174	3.7%	1.0530	28.2%
7	31,540	26,471	3,884	12.3%	1,185	3.8%	1.0570	28.9%
8	31,623	26,012	4,199	13.3%	1,412	4.5%	1.0600	30.3%
9	31,684	25,481	4,670	14.7%	1,533	4.8%	1.0650	31.9%

**SIPP 1996 Panel:
Eligible and Interviewed Households**

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	40,188	36,730	3,458	8.6%	-	-	-	8.6%
2	40,919	35,019	5,363	13.1%	537	1.3%	1.0200	14.6%
3	41,249	33,958	6,511	15.8%	780	1.9%	1.0400	18.1%
4	41,434	32,925	7,498	18.1%	1,011	2.4%	1.0510	21.2%
5	41,807	31,762	8,729	20.9%	1,316	3.2%	1.0630	24.9%
6	41,985	30,829	9,590	22.8%	1,566	3.7%	1.0750	27.7%
7	42,200	29,991	10,447	24.8%	1,762	4.2%	1.0800	30.3%
8	42,320	29,555	10,761	25.4%	2,004	4.7%	1.0850	31.7%
9	42,404	29,055	11,249	26.5%	2,100	5.0%	1.0900	33.2%
10	42,544	28,711	11,554	27.2%	2,279	5.4%	1.0920	34.3%
11	42,621	28,338	11,854	27.8%	2,429	5.7%	1.0940	35.4%
12	42,697	28,274	11,861	27.8%	2,562	6.0%	1.0960	35.7%

**SIPP 1993 Panel:
Eligible and Interviewed Households****

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	21,806	19,864	1,942	8.9%	-	-	-	8.9%
2	22,227	19,111	2,744	12.4%	372	1.7%	-	14.2%
3	22,566	18,988	2,918	12.9%	660	2.9%	-	16.2%
4	22,835	18,797	3,180	13.9%	858	3.8%	-	18.2%
5	23,061	18,549	3,426	14.9%	1,086	4.7%	-	20.2%
6	23,298	18,320	3,697	15.9%	1,281	5.5%	-	22.2%
7	23,407	17,946	4,016	17.2%	1,445	6.2%	-	24.3%
8	23,588	17,834	4,134	17.5%	1,620	6.9%	-	25.5%
9	23,671	17,583	4,312	18.2%	1,776	7.5%	-	26.9%

**SIPP 1992 Panel:
Eligible and Interviewed Households****

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	21,588	19,582	2,006	9.3%	-	-	-	9.3%
2	21,998	18,825	2,811	12.8%	362	1.7%	-	14.6%
3	22,477	18,894	2,954	13.1%	629	2.8%	-	16.4%
4	22,633	18,680	3,131	13.8%	822	3.6%	-	18.0%
5	22,924	18,436	3,423	14.9%	1,065	4.7%	-	20.3%
6	23,139	18,356	3,536	15.3%	1,247	5.4%	-	21.6%
7	23,297	18,187	3,737	16.0%	1,373	5.9%	-	23.0%
8	23,442	17,927	3,952	16.9%	1,563	6.7%	-	24.7%
9	23,602	17,708	4,171	17.7%	1,723	7.3%	-	26.2%
10	17,804	13,337	3,111	17.5%	1,356	7.6%	-	-

**SIPP 1991 Panel:
Eligible and Interviewed Households****

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	15,626	14,316	1,310	8.4%	-	-	-	8.4%
2	15,842	13,653	1,953	12.3%	236	1.5%	-	13.9%
3	16,144	13,594	2,119	13.1%	431	2.7%	-	16.1%
4	16,267	13,464	2,217	13.6%	586	3.6%	-	17.7%
5	16,442	13,374	2,376	14.5%	692	4.2%	-	19.3%
6	16,612	13,378	2,395	14.4%	839	5.1%	-	20.3%
7	16,692	13,326	2,461	14.7%	905	5.4%	-	21.0%
8	16,762	13,333	2,433	14.5%	996	5.9%	-	21.4%

**SIPP 1990 Panel:
Eligible and Interviewed Households****

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	19,766	18,363	1,403	7.1%	-	-	-	7.1%
2	20,259	17,748	2,216	10.9%	295	1.5%	-	12.6%
3	20,647	17,763	2,369	11.5%	515	2.5%	-	14.4%
4	20,941	17,608	2,644	12.6%	689	3.3%	-	16.5%
5	21,053	17,215	2,890	13.7%	948	4.5%	-	18.9%
6	21,303	17,188	3,013	14.1%	1,102	5.2%	-	20.1%
7	21,463	17,153	3,075	14.3%	1,235	5.8%	-	21.0%
8	21,410	17,121	3,046	14.2%	1,243	5.8%	-	-

**SIPP 1989 Panel:
Eligible and Interviewed Households****

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	3,861	3,544	317	8.2%	-	-	-	8.2%
2	3,960	3,458	428	10.8%	74	1.9%	-	12.9%
3	4,032	3,458	459	11.4%	115	2.9%	-	14.6%
4	4,089	3,433	494	12.1%	162	4.0%	-	16.6%
5	4,134	3,397	537	13.0%	200	4.8%	-	18.6%
6	4,194	3,374	575	13.7%	245	5.8%	-	20.5%
7	4,205	3,345	585	13.9%	275	6.5%	-	21.5%
8	4,194	3,351	567	13.5%	276	6.6%	-	21.1%

**SIPP 1988 Panel:
Eligible and Interviewed Households**

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	12,517	11,727	965	7.7%	-	-	-	7.7%
2	12,010	11,275	513	4.3%	222	1.8%	1.0241	13.3%
3	12,310	11,276	646	5.2%	388	3.2%	1.0497	15.4%
4	12,500	11,192	778	6.2%	530	4.2%	1.0659	17.3%
5	12,638	11,099	902	7.1%	637	5.0%	1.0777	18.9%
6	12,784	11,159	875	6.8%	750	5.9%	1.0901	19.3%

**SIPP 1987 Panel:
Eligible and Interviewed Households**

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	12,517	11,660	857	6.8%	-	-	-	6.8%
2	11,908	11,133	584	4.9%	191	1.6%	1.0213	12.9%
3	12,155	11,149	654	5.4%	352	2.9%	1.0425	14.6%
4	12,317	11,026	788	6.4%	503	4.1%	1.0563	16.6%
5	12,506	10,876	968	7.7%	662	5.3%	1.0726	19.0%
6	12,697	10,921	991	7.8%	785	6.2%	1.0889	19.9%
7	12,787	10,928	990	7.7%	869	6.8%	1.0967	20.4%

**SIPP 1986 Panel:
Eligible and Interviewed Households**

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	12,425	11,513	912	7.3%	-	-	-	7.3%
2	11,818	11,039	596	5.0%	183	1.5%	1.0265	13.4%
3	9,068	8,329	527	5.8%	212	2.3%	0.7876	14.9%
4	12,115	10,867	887	7.3%	361	3.0%	1.0523	16.9%
5	12,236	10,691	1,087	8.9%	458	3.7%	1.0628	19.0%
6	12,396	10,752	1,113	9.0%	531	4.3%	1.0767	19.6%
7	12,446	10,720	1,135	9.1%	591	4.7%	1.0810	20.2%

**SIPP 1985 Panel:
Eligible and Interviewed Households**

Wave & Rot	Eligible Hhlds	Interviewed Hhlds	Total A's	Type A Rate	Total D's	Type D Rate	Growth Factor	Sample Loss
1	14,306	13,349	957	6.7%	-	-	-	6.7%
2	11,105	9,928	947	8.5%	230	2.1%	0.8319	16.6%
3	15,023	13,077	1,537	10.2%	409	2.7%	1.1254	18.8%
4	13,543	11,410	1,676	12.4%	457	3.4%	1.0145	21.4%
5	13,148	10,759	1,846	14.0%	543	4.1%	0.9849	23.6%
6	13,276	10,761	1,881	14.2%	634	4.8%	0.9945	24.4%
7	13,292	10,675	1,920	14.4%	697	5.2%	0.9957	25.1%
8	13,360	10,701	1,925	14.4%	734	5.5%	1.0008	25.3%

* The ‘-’ symbol is shown for Type D non-interviews and growth factor for Wave 1 since they are not applicable to Wave 1. The symbol indicates a missing value in all other waves.

** The 1989-1993 Panels are missing growth factors for each wave.